EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	125	(autism autistic) same enzyme	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/11 01:42
L2	55	(autism autistic) with enzyme	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/11 01:42
L3	27	(autism autistic) with digest$ adj enzyme	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/11 01:52
L4	213	fallon-j$.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/11 01:43
L5	16	3 not 4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/11 01:43
L6	16	5 and digest$ adj enzyme	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/11 02:09
L7	16	5 and (autism autistic) and digest$ adj enzyme	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/11 02:09
L8	9	6 and (eye social language hyperacti$)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/11 02:11
S1	0	("chymotrypsin").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/10 19:57
S18	2	("6534063").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/11 01:41
S19	2	("6632429").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/12/10 20:02

EAST Search History

S20	213	fallon-j$.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/10 20:03
S21	17	S20 and (autis$ attention adj deficit)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/10 20:32
S22	2	("7138123").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/12/10 20:32

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=> d his

     (FILE 'HOME' ENTERED AT 02:13:26 ON 11 DEC 2006)

     FILE 'MEDLINE, BIOSIS' ENTERED AT 02:13:34 ON 11 DEC 2006
L1             6 S (AUTISM OR AUTISTIC) (L) (DIGEST? ENZYME?)
L2             5 DUP REM L1 (1 DUPLICATE REMOVED)
L3           198 S (AUTISM OR AUTISTIC) (L) ENZYME?
L4            16 S (AUTISM OR AUTISTIC) (L) (DIGEST? ENZYME? OR PROTEASE? OR LIP
L5            13 DUP REM L4 (3 DUPLICATES REMOVED)
L6             3 S L5 AND PY<2000
L7          1642 S (FALLON, J?)/AU
L8             4 S L7 AND (AUTISM OR AUTISTIC)
L9             3 DUP REM L8 (1 DUPLICATE REMOVED)
L10            0 S L9 AND PY<2000
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1: Nat Neurosci. 2006 Oct;9(10):1221-5.

nature neuroscience Links

Fragile X syndrome and autism at the intersection of genetic and neural networks.

Belmonte MK, **Bourgeron T**.

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Autism, an entirely behavioral diagnosis with no largely understood etiologies and no population-wide biomarkers, contrasts with fragile X syndrome (FXS), a single-gene disorder with definite alterations of gene expression and neuronal morphology. Nevertheless, the behavioral overlap between autism and FXS suggests some overlapping mechanisms. Understanding how the single-gene alteration in FXS plays out within complex genetic and neural network processes may suggest targets for autism research and illustrate strategies for relating autism to more singular genetic syndromes.

PMID: 17001341 [PubMed - indexed for MEDLINE]

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Autism: the point of view from fragile X studies. [J Autism Dev Disord. 1998]

The genetics of autism. [Pediatrics. 2004]

Autism spectrum disorders and attention-deficit/hyperactivity disorder in boys with the fragile X premutation. [J Dev Behav Pediatr. 2006]

Conversational skills of individuals with fragile-X syndrome: a comparison with autism and Down syndrome. [Dev Med Child Neurol. 1991]

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